Cartoon Cats

Because we all love cats and cartoon ...

```clojure
(ns opencv3.cartoon2
  (:require
    [opencv3.core :refer :all]
    [opencv3.utils :as u]))
```

```
nil
```

```clojure
(defn cartoon
  [buffer]
  (->
    (cvt-color! buffer COLOR_RGB2GRAY))
    (let [ c (clone buffer)]
    ; (bilateral-filter buffer c 9 9 7)
    (bilateral-filter buffer c 10 250 50)
    (-> c
      (median-blur! 7)
      (adaptive-threshold! 255 ADAPTIVE_THRESH_MEAN_C THRESH_BINARY 9 3)
      (cvt-color! COLOR_GRAY2RGB))))

(defn cartoon-me[url]
  (-> url
    u/mat-from-url
    (u/resize-by 0.5)
    cartoon
    u/mat-view))
```

```
#'opencv3.cartoon2/cartoon-me
```

```clojure
(map
  cartoon-me
  ["http://www.petmd.com/sites/default/files/sleepy-cat-125522297.jpg"
   "http://www.readersdigest.ca/wp-content/uploads/2011/01/4-ways-cheer-up-depressed-cat.jpg"
   "https://hyatoky.com/wp-content/uploads/cute-cat-wallpapers-hd-1080x580.jpg"])
```